

## EAST Search History

| Ref # | Hits | Search Query  | DBs                            | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------------------|------------------|---------|------------------|
| S1    | 369  | @ad<"19990305" and 345/764.ccls.  | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/04/06 11:53 |
| S2    | 1    | ("4725694").PN.   | USPAT;<br>USOCR                | OR               | OFF     | 2004/09/24 10:36 |
| S3    | 1    | ("6314343").PN.   | USPAT;<br>USOCR                | OR               | OFF     | 2004/09/24 10:36 |
| S4    | 1    | ("5450540").PN.   | USPAT;<br>USOCR                | OR               | OFF     | 2004/09/24 10:37 |
| S5    | 0    | @ad<"19990305" and ("graphical user interface controller" "GUI controller") and "embedded controller"                                       | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/09/29 08:29 |
| S6    | 26   | @ad<"19990305" and ("graphical user interface controller" "GUI controller")   | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/09/24 12:59 |
| S7    | 26   | @ad<"19990305" and ("graphical user interface" adj1 controller GUI adj1 controller)   | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/04/06 11:56 |
| S8    | 26   | @ad<"19990305" and ("graphical user interface" adj controller GUI adj controller)   | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/09/24 13:54 |
| S9    | 0    | @ad<"19990305" and (seperate adj controller)  | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/09/24 13:54 |
| S10   | 0    | @ad<"19990305" and seperate adj controllers   | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/09/24 13:54 |
| S11   | 671  | @ad<"19990305" and different adj controllers  | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/09/24 13:54 |
| S12   | 2    | @ad<"19990305" and "6089453"  | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/09/28 08:00 |
| S13   | 63   | @ad<"19990305" and ("interface controller" "GUI controller") and "embedded controller"  | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/09/28 09:49 |
| S14   | 0    | @ad<"19990305" and ("interface controller" "GUI controller") and "embedded controller" and buffer and library and ("operation code" opcode) | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/09/28 09:57 |

## EAST Search History

|     |    |   |                                |    |     |                  |
|-----|----|---|--------------------------------|----|-----|------------------|
| S15 | 3  | @ad<"19990305" and ("interface controller" "GUI controller") and "embedded controller" and buffer and ("operation code" opcode) | USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/28 09:57 |
| S16 | 1  | ("6118462").PN.   | USPAT;<br>USOCR                | OR | OFF | 2004/09/29 07:29 |
| S17 | 1  | ("5760789").PN.   | USPAT;<br>USOCR                | OR | OFF | 2004/09/28 16:27 |
| S18 | 1  | "5911051".PN.   | USPAT                          | OR | OFF | 2004/09/28 16:27 |
| S19 | 1  | "5911051".PN.   | USPAT                          | OR | OFF | 2004/09/29 07:06 |
| S20 | 1  | "5892964".PN.   | USPAT                          | OR | OFF | 2004/09/29 07:06 |
| S21 | 1  | "5867180".PN.   | USPAT                          | OR | OFF | 2004/09/29 07:07 |
| S22 | 1  | "5815167".PN.   | USPAT                          | OR | OFF | 2004/09/29 07:08 |
| S23 | 1  | ("5956487").PN.   | USPAT;<br>USOCR                | OR | OFF | 2004/09/29 07:35 |
| S24 | 1  | ("5982445").PN.   | USPAT;<br>USOCR                | OR | OFF | 2004/09/29 07:35 |
| S25 | 1  | ("5991795").PN.   | USPAT;<br>USOCR                | OR | OFF | 2004/09/29 07:35 |
| S26 | 1  | ("6611537").PN.   | USPAT;<br>USOCR                | OR | OFF | 2004/09/29 07:35 |
| S27 | 1  | "5790138".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:10 |
| S28 | 1  | "5748921".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:11 |
| S29 | 1  | "5720019".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:11 |
| S30 | 1  | "5715437".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:11 |
| S31 | 1  | "5680591".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:13 |
| S32 | 1  | "5666521".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:14 |
| S33 | 1  | "5680591".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:14 |
| S34 | 1  | "5650955".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:15 |
| S35 | 1  | "5574847".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:16 |
| S36 | 1  | "5471672".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:16 |
| S37 | 1  | "5459835".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:16 |
| S38 | 1  | "5454107".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:17 |
| S39 | 1  | "5450355".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:17 |
| S40 | 1  | "5243447".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:17 |
| S41 | 1  | "5182801".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:17 |
| S42 | 1  | "4649516".PN.   | USPAT                          | OR | OFF | 2004/09/29 08:17 |
| S43 | 39 | @ad<"19990305" and ("graphical user interface" "GUI") and opcode and buffer and executable                                      | USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/30 15:42 |

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|     |    |  |                                |    |     |                  |
|-----|----|--|--------------------------------|----|-----|------------------|
| S44 | 18 | (US-4725694-\$ or US-6314343-\$ or US-5450540-\$ or US-6089453-\$ or US-6317804-\$ or US-6119254-\$ or US-5729767-\$ or US-5604870-\$ or US-6118462-\$ or US-5760789-\$ or US-5815167-\$ or US-5956487-\$ or US-5982445-\$ or US-5991795-\$ or US-6611537-\$ or US-5680591-\$ or US-5995120-\$).did. or (US-6370496-\$).did.           | USPAT;<br>DERWENT              | OR | OFF | 2004/09/29 13:47 |
| S45 | 6  | ((US-4725694-\$ or US-6314343-\$ or US-5450540-\$ or US-6089453-\$ or US-6317804-\$ or US-6119254-\$ or US-5729767-\$ or US-5604870-\$ or US-6118462-\$ or US-5760789-\$ or US-5815167-\$ or US-5956487-\$ or US-5982445-\$ or US-5991795-\$ or US-6611537-\$ or US-5680591-\$ or US-5995120-\$).did. or (US-6370496-\$).did.) and lcd | USPAT                          | OR | OFF | 2004/09/29 13:47 |
| S46 | 33 | @ad<"19990305" and 345/532. ccls.  | USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/04/14 13:58 |
| S47 | 61 | @ad<"19990305" and 345/535. ccls.  | USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/30 15:48 |
| S48 | 7  | @ad<"19990305" and 345/535. ccls. and embedded   | USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/30 15:48 |
| S49 | 71 | @ad<"19990305" and 345/543. ccls.  | USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/30 16:00 |
| S50 | 1  | ("5727159").PN.  | USPAT;<br>USOCR                | OR | OFF | 2004/09/30 16:00 |
| S51 | 1  | ("5805442").PN.  | USPAT;<br>USOCR                | OR | OFF | 2004/09/30 16:00 |
| S52 | 1  | ("5956487").PN.  | USPAT;<br>USOCR                | OR | OFF | 2004/09/30 16:00 |
| S53 | 1  | ("5973696").PN.  | USPAT;<br>USOCR                | OR | OFF | 2004/09/30 16:00 |
| S54 | 1  | ("5982445").PN.  | USPAT;<br>USOCR                | OR | OFF | 2004/09/30 16:01 |
| S55 | 1  | ("5991795").PN.  | USPAT;<br>USOCR                | OR | OFF | 2004/09/30 16:01 |
| S56 | 1  | ("6011537").PN.  | USPAT;<br>USOCR                | OR | OFF | 2004/09/30 16:01 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S57 | 0   | @ad<"19990305" and<br>@pd>"20041005" and 345/532.<br>ccls. | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/09/28 08:42 |
| S58 | 0   | @ad<"19990305" and<br>@pd>"20041005" and 345/535.<br>ccls. | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/04/14 13:59 |
| S59 | 0   | @ad<"19990305" and<br>@pd>"20041005" and 345/543.<br>ccls. | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/04/14 13:59 |
| S60 | 0   | @ad<"19990305" and<br>@pd>"20041005" and 715/543.<br>ccls. | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/04/14 13:59 |
| S61 | 0   | @ad<"19990305" and<br>@pd>"20041005" and 715/532.<br>ccls. | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/04/14 13:59 |
| S62 | 0   | @ad<"19990305" and<br>@pd>"20041005" and 715/535.<br>ccls. | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/04/14 14:00 |
| S63 | 1   | @ad<"19990305" and<br>@pd>"20041005" and 715/764.<br>ccls. | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/04/14 14:00 |
| S64 | 7   | @pd>"20041005" and 345/532.<br>ccls.                       | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/09/28 08:43 |
| S65 | 7   | @pd>"20041005" and 345/535.<br>ccls.                       | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/09/28 08:43 |
| S66 | 30  | @pd>"20041005" and 345/543.<br>ccls.                       | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/09/28 08:43 |
| S67 | 65  | @pd>"20041005" and 715/764.<br>ccls.                       | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | ON | 2005/09/28 08:43 |
| S68 | 9   | @pd>"20041005" and 345/532.<br>ccls.                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/06 13:25 |
| S69 | 10  | @pd>"20041005" and 345/535.<br>ccls.                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/28 08:44 |
| S71 | 139 | @pd>"20041005" and 715/764.<br>ccls.                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/28 11:18 |

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|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S72 | 39      | @pd>"20041005" and 345/543. ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/28 11:16 |
| S73 | 9       | @pd>"20041005" and 715/764. ccls. and (graph\$4 GUI video) adj (controller processor)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/28 11:20 |
| S74 | 1       | "graphics card" same "touch panel"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/06 11:54 |
| S75 | 4       | "graphics card" and "touch panel" and gui  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/06 11:54 |
| S76 | 4089    | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor")                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/06 11:58 |
| S77 | 1146051 | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor") and touch panel            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/06 11:58 |
| S78 | 61      | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor") and "touch panel"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/06 12:03 |
| S79 | 394     | ("graphics controller" "GUI controller" "graphics processor" "GUI processor").ab. same (CPU "embedded controller" "embedded processor").ab.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/06 12:03 |
| S80 | 0       | ("graphics controller" "GUI controller" "graphics processor" "GUI processor").ab. same (CPU "embedded controller" "embedded processor").ab. same non-graphical | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/06 12:04 |
| S81 | 2211    | "graphics subsystem"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/06 13:09 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S82 | 228 | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor") and "graphics subsystem"                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/07 10:00 |
| S83 | 0   | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor") and "graphics subsystem" and "non-graphical" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/06 13:10 |
| S84 | 2   | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor") and "non-graphical"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/06 13:17 |
| S85 | 1   | ("5620429").PN.  | USPAT                                       | OR | OFF | 2006/04/06 13:17 |
| S86 | 4   | @pd>"20050928" and 345/532.<br>ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/06 13:25 |
| S87 | 22  | @pd>"20050928" and 345/543.<br>ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/06 13:26 |
| S88 | 10  | @pd>"20050928" and 345/535.<br>ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/06 13:26 |
| S90 | 107 | @pd>"20050928" and "715/764".<br>ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/06 13:27 |
| S91 | 105 | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor") and "raw data"                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/06 14:26 |
| S92 | 1   | ("6189024").PN.  | USPAT                                       | OR | OFF | 2006/04/06 14:26 |
| S93 | 1   | ("6189024").PN.  | USPAT                                       | OR | OFF | 2006/04/07 07:29 |
| S94 | 2   | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor") and "non-graphical"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/07 10:45 |

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|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S95      | 228 | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor") and "graphics subsystem"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/07 10:46 |
| S96      | 14  | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") same (CPU "embedded controller" "embedded processor") and "separate graphics subsystem" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/07 11:03 |
| S97      | 14  | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") and "separate graphics subsystem"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/07 10:48 |
| S98      | 734 | ("graphics controller" "GUI controller" "graphics processor" "GUI processor") and "graphics subsystem"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/07 10:49 |
| S99      | 26  | ("non-graphical") and "graphics subsystem"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/07 11:00 |
| S10<br>0 | 29  | amulet.as.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/07 11:01 |
| S10<br>1 | 15  | "separate graphics subsystem"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/07 11:03 |
| S10<br>2 | 1   | "6002411".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2006/04/07 11:04 |
| S10<br>3 | 1   | "5850504".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2006/04/07 11:04 |
| S10<br>4 | 1   | "5828877".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2006/04/07 11:04 |
| S10<br>5 | 1   | "5812817".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2006/04/07 11:04 |
| S10<br>6 | 1   | "5606428".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2006/04/07 11:04 |
| S10<br>7 | 1   | "5696912".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2006/04/07 11:05 |
| S10<br>8 | 1   | "5584008".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2006/04/07 11:05 |

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|          |   |               |                 |    |     |                  |
|----------|---|---------------|-----------------|----|-----|------------------|
| S10<br>9 | 1 | "5559978".PN. | USPAT;<br>USOCR | OR | OFF | 2006/04/07 11:05 |
| S11<br>0 | 1 | "5553160".PN. | USPAT;<br>USOCR | OR | OFF | 2006/04/07 11:06 |
| S11<br>1 | 1 | "5548742".PN. | USPAT;<br>USOCR | OR | OFF | 2006/04/07 11:06 |
| S11<br>2 | 1 | "5535356".PN. | USPAT;<br>USOCR | OR | OFF | 2006/04/07 11:06 |
| S11<br>3 | 1 | "5504842".PN. | USPAT;<br>USOCR | OR | OFF | 2006/04/07 11:06 |